

S/N 09/712,064

Response t Office Action Dated 04/21/2003

AMENDMENTS TO THE CLAIMS

Please amend the claims of the present application as set forth below. A detailed listing of all claims has been provided. In accordance with the PTO's revised amendment format, a detailed listing of all claims has been provided. A status identifier is provided for each claim in a parenthetical expression following each claim number. Changes to the claims are shown by strikethrough (for deleted matter) or underlining (for added matter).

Claims 1—90 were originally filed.

No claims are canceled.

No claims are added.

Claims 16, 46, 76 are amended without prejudice.

Accordingly, claims 1—90 are pending.

Sub B
A

1. (Original.) In a computer system having a graphical user interface including a display and a user interface selection device, a method of maintaining a single window interface, comprising:

receiving a request to open a second browser window while a first browser window is displayed;

ignoring the request if the request was not initiated in response to a user action; and

opening the second browser window if the request was initiated in response to a user action.

2. (Original.) The method of claim 1, further comprising opening the second browser window as a full-screen browser window if the request was initiated by a user action.

S/N 09/712,064

Response to Office Action Dated 04/21/2003

1 3. (Original.) The method of claim 2, further comprising
2 superimposing the full-screen browser window on the first browser window.

3 4. (Original.) The method of claim 1, further comprising opening the
4 second browser window after receiving a load finished event for the first browser
5 window and before receiving an unload event for the first browser window.

6 5. (Original.) The method of claim 1, further comprising opening the
7 second browser window in a second browser instance distinct from a first browser
8 instance in which the first browser window is opened.

9 6. (Original.) The method of claim 5, further comprising modifying
10 the content of one of the first and second browser windows in response to an event
11 occurring in one of the first and second browser instances.

12 7. (Original.) The method of claim 1, wherein the first browser
13 window contains a plurality of frames, wherein the request to open a second
14 browser window is associated with one of the plurality of frames, and wherein the
15 method further comprises opening the second browser window after loading the
16 frame associated with the request to open the second browser window.

17 8. (Original.) The method of claim 7, further comprising opening the
18 second browser window after loading all of the frames of the first browser
19 window.

20 9. (Original.) The method of claim 1, further comprising suppressing a
21 request to open a dialog box until a browser window associated with the request to
22 open the dialog box is displayed.
23
24
25

S/N 09/712,064

Response to Office Action Dated 04/21/2003

10. (Original.) The method of claim 1, further comprising suppressing generation of a sound associated with a browser window that is not displayed.

11. (Original.) The method of claim 1, further comprising:
receiving a request to close a browser window;
closing the browser window if another browser window is open; and
ignoring the request if no other browser window is open.

12. (Original.) The method of claim 1, further comprising maintaining, in a browser history, a history of transitions between the first and second browser windows.

13. (Original.) The method of claim 12, further comprising building the browser history from a history of a displayed browser window.

14. (Original.) The method of claim 12, further comprising building the browser history from histories of a set of simultaneously open browser windows.

15. (Original.) The method of claim 12, further comprising:
detecting, in the browser history, a transition between two simultaneously open browser windows; and

in response to the detected transition, hiding one of the first and second browser windows and displaying a different one of the first and second browser windows.

S/N 09/712,064

Response to Office Action Dated 04/21/2003

16. (Currently amended.) In a computer system having a graphical user interface including a display and a user interface selection device, a method of maintaining a single window interface, comprising the steps of:

receiving a request to open a second browser window while a first browser window is displayed;

ignoring the request if the request was not initiated in response to a user action;

opening the second browser window if the request was initiated in response to a user action;

basing a determination that the request was not in response to user action on information that ~~ignoring the request~~ if the request was initiated during either loading or unloading of a page in the first browser window; and

basing a determination that the request was in response to user action on information that ~~opening the second browser window~~ if the request was initiated after loading and before unloading of a page in the first browser window.

17. (Original.) The method of claim 16, further comprising opening the second browser window as a full-screen browser window if the request was initiated after loading and before unloading of a page in the first browser window.

18. (Original.) The method of claim 17, further comprising superimposing the full-screen browser window on the first browser window.

19. (Original.) The method of claim 16, further comprising opening the second browser window after receiving a load finished event for the first browser window and before receiving an unload event for the first browser window.

S/N 09/712,064

Response to Office Action Dated 04/21/2003

1 20. (Original.) The method of claim 16, further comprising opening the
2 second browser window in a second browser instance distinct from a first browser
3 instance in which the first browser window is opened.

4 21. (Original.) The method of claim 20, further comprising
5 communicating information between the first and second browser windows in
6 response to an event occurring in one of the first and second browser instances.

7 22. (Original.) The method of claim 16, wherein the first browser
8 window contains a plurality of frames, wherein the request to open a second
9 browser window is associated with one of the plurality of frames, and wherein the
10 method further comprises opening the second browser window after loading the
11 frame associated with the request to open the second browser window.

12 23. (Original.) The method of claim 22, further comprising opening the
13 second browser window after loading all of the frames of the first browser
14 window.

15 24. (Original.) The method of claim 16, further comprising suppressing
16 a request to open a dialog box until a browser window associated with the request
17 to open the dialog box is displayed.

18 25. (Original.) The method of claim 16, further comprising suppressing
19 generation of a sound associated with a browser window that is not displayed.

20 26. (Original.) The method of claim 16, further comprising:
21 receiving a request to close a browser window;
22 closing the browser window if another browser window is open; and
23 ignoring the request if no other browser window is open.
24
25

S/N 09/712,064

Response to Office Action Dated 04/21/2003

1 27. (Original.) The method of claim 16, further comprising maintaining,
2 in a browser history, a history of transitions between the first and second browser
3 windows.

4
5 28. (Original.) The method of claim 27, further comprising building the
6 browser history from a history of a displayed browser window.

7
8 29. (Original.) The method of claim 27, further comprising building the
9 browser history from histories of a set of simultaneously open browser windows.

10 30. (Original.) The method of claim 27, further comprising:
11 detecting, in the browser history, a transition between two simultaneously
12 open browser windows; and
13 in response to the detected transition, hiding one of the first and second
14 browser windows and displaying a different one of the first and second browser
15 windows.

16 Sub B2 31. (Original.) A computer-readable medium having stored thereon
17 computer-executable modules comprising a browser module, configured to:

18 receive a request to open a second browser window while a first browser
19 window is displayed;

20 ignore the request if the request was not initiated in response to a user
21 action; and

22 open the second browser window if the request was initiated in response to
23 a user action.
24
25

S/N 09/712,064

Response to Office Action Dated 04/21/2003

1 32. (Original.) The computer-readable medium of claim 31, wherein the
2 browser module is further configured to open the second browser window as a
3 full-screen browser window if the request was initiated by a user action.

4 33. (Original.) The computer-readable medium of claim 32, wherein the
5 browser module is further configured to superimpose the full-screen browser
6 window on the first browser window.

7 34. (Original.) The computer-readable medium of claim 31, wherein the
8 browser module is further configured to open the second browser window after
9 receiving a load finished event for the first browser window and before receiving
10 an unload event for the first browser window.

11 35. (Original.) The computer-readable medium of claim 31, wherein the
12 browser module is further configured to open the second browser window in a
13 second browser instance distinct from a first browser instance in which the first
14 browser window is opened.

15 36. (Original.) The computer-readable medium of claim 35, wherein the
16 browser module is further configured to communicate information between the
17 first and second browser windows in response to an event occurring in one of the
18 first and second browser instances.

19 37. (Original.) The computer-readable medium of claim 31, wherein the
20 first browser window contains a plurality of frames, wherein the request to open a
21 second browser window is associated with one of the plurality of frames, and
22 wherein the browser module is further configured to open the second browser
23 window after loading the frame associated with the request to open the second
24 browser window.
25

S/N 09/712,064

Response t Office Action Dated 04/21/2003

1 38. (Original.) The computer-readable medium of claim 37, wherein the
2 browser module is further configured to open the second browser window after
3 loading all of the frames of the first browser window.
4

5 39. (Original.) The computer-readable medium of claim 31, wherein the
6 browser module is further configured to suppress a request to open a dialog box
7 until a browser window associated with the request to open the dialog box is
8 displayed.

9 40. (Original.) The computer-readable medium of claim 31, wherein the
10 browser module is further configured to suppress generation of a sound associated
11 with a browser window that is not displayed.
12

13 41. (Original.) The computer-readable medium of claim 31, wherein the
14 browser module is further configured to:

15 receive a request to close a browser window;
16 close the browser window if another browser window is open; and
17 ignore the request if no other browser window is open.

18 42. (Original.) The computer-readable medium of claim 31, wherein the
19 browser module is further configured to maintain, in a browser history, a history
20 of transitions between the first and second browser windows.

21 43. (Original.) The computer-readable medium of claim 42, wherein the
22 browser module is further configured to build the browser history from a history
23 of a displayed browser window.
24
25

S/N 09/712,064

Response to Office Action Dated 04/21/2003

44. (Original.) The computer-readable medium of claim 42, wherein the browser module is further configured to build the browser history from histories of simultaneously open browser windows.

45. (Original.) The computer-readable medium of claim 42, wherein the browser module is further configured to:

detect, in the browser history, a transition between two simultaneously open browser windows; and

in response to the detected transition, hide one of the first and second browser windows and displaying a different one of the first and second browser windows.

46. (Currently amended.) A computer-readable medium having stored thereon computer-executable modules comprising a browser module, configured to:

receive a request to open a second browser window while a first browser window is displayed;

ignore the request if the request was not initiated in response to a user action;

open the second browser window if the request was initiated in response to a user action;

base a determination that the request was not in response to user action on information that ignore the request if the request was initiated during either loading or unloading of a page in the first browser window; and

base a determination that the request was in response to user action on information that open the second browser window if the request was initiated after loading and before unloading of a page in the first browser window.

S/N 09/712,064

Response to Office Action Dated 04/21/2003

47. (Original.) The computer-readable medium of claim 46, wherein the browser module is further configured to open the second browser window as a full-screen browser window if the request was initiated after loading and before unloading of a page in the first browser window.

48. (Original.) The computer-readable medium of claim 47, wherein the browser module is further configured to superimpose the full-screen browser window on the first browser window.

49. (Original.) The computer-readable medium of claim 46, wherein the browser module is further configured to open the second browser window after receiving a load finished event for the first browser window and before receiving an unload event for the first browser window.

50. (Original.) The computer-readable medium of claim 46, wherein the browser module is further configured to open the second browser window in a second browser instance distinct from a first browser instance in which the first browser window is opened.

51. (Original.) The computer-readable medium of claim 50, wherein the browser module is further configured to communicate information between the first and second browser windows in response to an event occurring in one of the first and second browser instances.

52. (Original.) The computer-readable medium of claim 46, wherein the first browser window contains a plurality of frames, wherein the request to open a second browser window is associated with one of the plurality of frames, and wherein the browser module is further configured to open the second browser

S/N 09/712,064

Response to Office Action Dated 04/21/2003

1 window after loading the frame associated with the request to open the second
2 browser window.

3 53. (Original.) The computer-readable medium of claim 52, wherein the
4 browser module is further configured to open the second browser window after
5 loading all of the frames of the first browser window.

6
7 54. (Original.) The computer-readable medium of claim 46, wherein the
8 browser module is further configured to suppress a request to open a dialog box
9 until a browser window associated with the request to open the dialog box is
10 displayed.

11 55. (Original.) The computer-readable medium of claim 46, wherein the
12 browser module is further configured to suppress generation of a sound associated
13 with a browser window that is not displayed.

14 56. (Original.) The computer-readable medium of claim 46, wherein the
15 browser module is further configured to:

16 receive a request to close a browser window;
17 close the browser window if another browser window is open; and
18 ignore the request if no other browser window is open.

19 57. (Original.) The computer-readable medium of claim 46, wherein the
20 browser module is further configured to maintain, in a browser history, a history
21 of transitions between the first and second browser windows.

22
23 58. (Original.) The computer-readable medium of claim 57, wherein the
24 browser module is further configured to build the browser history from a history
25 of a displayed browser window.

S/N 09/712,064

Response to Office Action Dated 04/21/2003

1 59. (Original.) The computer-readable medium of claim 57, wherein the
2 browser module is further configured to build the browser history from histories of
3 a set of simultaneously open browser windows.
4

5 60. (Original.) The computer-readable medium of claim 57, wherein the
6 browser module is further configured to:

7 detect, in the browser history, a transition between simultaneously open
8 browser windows; and

9 in response to the detected transition, hide one of the first and second
10 browser windows and displaying a different one of the first and second browser
11 windows.

12 61. (Original.) A computer system, comprising:

13 a graphical user interface including a display and a user interface
14 selection device; and

15 a browser module, configured to

16 receive a request to open a second browser window while a first
17 browser window is displayed,

18 ignore the request if the request was not initiated in response to a
19 user action, and

20 open the second browser window if the request was initiated in
21 response to a user action.

22 62. (Original.) The computer system of claim 61, wherein the browser
23 module is further configured to open the second browser window as a full-screen
24 browser window if the request was initiated by a user action.
25

S/N 09/712,064

Response to Office Action Dated 04/21/2003

1 63. (Original.) The computer system of claim 62, wherein the browser
2 module is further configured to superimpose the full-screen browser window on
3 the first browser window.

4 64. (Original.) The computer system of claim 61, wherein the browser
5 module is further configured to open the second browser window after receiving a
6 load finished event for the first browser window and before receiving an unload
7 event for the first browser window.

8 65. (Original.) The computer system of claim 61, wherein the browser
9 module is further configured to open the second browser window in a second
10 browser instance distinct from a first browser instance in which the first browser
11 window is opened.

12 66. (Original.) The computer system of claim 65, wherein the browser
13 module is further configured to communicate information between the first and
14 second browser windows in response to an event occurring in one of the first and
15 second browser instances.

16 67. (Original.) The computer system of claim 61, wherein the first
17 browser window contains a plurality of frames, wherein the request to open a
18 second browser window is associated with one of the plurality of frames, and
19 wherein the browser module is further configured to open the second browser
20 window after loading the frame associated with the request to open the second
21 browser window.

22 68. (Original.) The computer system of claim 67, wherein the browser
23 module is further configured to open the second browser window after loading all
24 of the frames of the first browser window.
25

S/N 09/712,064

Response to Office Action Dated 04/21/2003

69. (Original.) The computer system of claim 61, wherein the browser module is further configured to suppress a request to open a dialog box until a browser window associated with the request to open the dialog box is displayed.

70. (Original.) The computer system of claim 61, wherein the browser module is further configured to suppress generation of a sound associated with a browser window that is not displayed.

71. (Original.) The computer system of claim 61, wherein the browser module is further configured to:

receive a request to close a browser window;
close the browser window if another browser window is open; and
ignore the request if no other browser window is open.

72. (Original.) The computer system of claim 61, wherein the browser module is further configured to maintain, in a browser history, a history of transitions between a set of simultaneously open browser windows.

73. (Original.) The computer system of claim 72, wherein the browser module is further configured to build the browser history from a history of a displayed browser window.

74. (Original.) The computer system of claim 72, wherein the browser module is further configured to build the browser history from histories of the set of simultaneously open browser windows.

75. (Original.) The computer system of claim 72, wherein the browser module is further configured to:

S/N 09/712,064

Response to Office Action Dated 04/21/2003

1 detect, in the browser history, a transition between simultaneously open
2 browser windows; and

3 in response to the detected transition, hide one of the first and second
4 browser windows and displaying a different one of the first and second browser
5 windows.

6 76. (Currently amended.) A computer system, comprising:

7 a graphical user interface including a display and a user interface
8 selection device; and

9 a browser module, configured to

10 receive a request to open a second browser window while a first
11 browser window is displayed,

12 ignore the request if the request was not initiated in response to a
13 user action,

14 open the second browser window if the request was initiated in
15 response to a user action;

16 base a determination that the request was not in response to user
17 action on information that ignore the request if the request was initiated
18 during either loading or unloading of a page in the first browser window,
19 and

20 base a determination that the request was in response to user action
21 on information that open the second browser window if the request was
22 initiated after loading and before unloading of a page in the first browser
23 window.

24 77. (Original.) The computer system of claim 76, wherein the browser
25 module is further configured to open the second browser window as a full-screen

S/N 09/712,064

Response to Office Action Dated 04/21/2003

1 browser window if the request was initiated after loading and before unloading of
2 a page in the first browser window.

3 78. (Original.) The computer system of claim 77, wherein the browser
4 module is further configured to superimpose the full-screen browser window on
5 the first browser window.

6 79. (Original.) The computer system of claim 76, wherein the browser
7 module is further configured to open the second browser window after receiving a
8 load finished event for the first browser window and before receiving an unload
9 event for the first browser window.

10 80. (Original.) The computer system of claim 76, wherein the browser
11 module is further configured to open the second browser window in a second
12 browser instance distinct from a first browser instance in which the first browser
13 window is opened.

14 81. (Original.) The computer system of claim 80, wherein the browser
15 module is further configured to communicate information between the first and
16 second browser windows in response to an event occurring in one of the first and
17 second browser instances.

18 82. (Original.) The computer system of claim 76, wherein the first
19 browser window contains a plurality of frames, wherein the request to open a
20 second browser window is associated with one of the plurality of frames, and
21 wherein the browser module is further configured to open the second browser
22 window after loading the frame associated with the request to open the second
23 browser window.
24
25

S/N 09/712,064

Response to Office Action Dated 04/21/2003

83. (Original.) The computer system of claim 82, wherein the browser module is further configured to open the second browser window after loading all of the frames of the first browser window.

84. (Original.) The computer system of claim 76, wherein the browser module is further configured to suppress a request to open a dialog box until a browser window associated with the request to open the dialog box is displayed.

85. (Original.) The computer system of claim 76, wherein the browser module is further configured to suppress generation of a sound associated with a browser window that is not displayed.

86. (Original.) The computer system of claim 76, wherein the browser module is further configured to
receive a request to close a browser window;
close the browser window if another browser window is open; and
ignore the request if no other browser window is open.

87. (Original.) The computer system of claim 76, wherein the browser module is further configured to maintain, in a browser history, a history of transitions between a set of simultaneously open browser windows.

88. (Original.) The computer system of claim 87, wherein the browser module is further configured to build the browser history from a history of a displayed browser window.

89. (Original.) The computer system of claim 87, wherein the browser module is further configured to build the browser history from histories of the set of simultaneously open browser windows.

S/N 09/712,064

Response to Office Action Dated 04/21/2003

1
2 90. (Original.) The computer system of claim 87, wherein the browser
module is further configured to:

3 detect, in the browser history, a transition between simultaneously open
4 browser windows; and

5 in response to the detected transition, hide one of the first and second
6 browser windows and displaying a different one of the first and second browser
7 windows.

8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25